



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
1100 L Street, N.W., Washington, D.C. 20591-0001 (202) 707-3000

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|------------------------------------------------------|---|----|---|------------------------|----------------|
| Substitute for form 1449A/PTO | | | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | | Application Number | 10 / 650,279 |
| (use as many sheets as necessary) | | | | Filing Date | 27-Aug-2003 |
| | | | | First Named Inventor | Lai Chee Man |
| | | | | Art Unit | 2625 |
| | | | | Examiner Name | YON JUNG COUSO |
| Sheet | 1 | of | 2 | Attorney Docket Number | EFIM0325 |

| | | | |
|-----------------------|-------------|--------------------|------------|
| Examiner Signature | /Yon Couso/ | Date Considered | 11/15/2006 |
|-----------------------|-------------|--------------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PTO/SB/088 (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------|---|----|---|---------------------------------|----------------|
| <p>Substitute for form 1449B/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(use as many sheets as necessary)</i></p> | | | | <p>Complete if Known</p> | |
| Sheet | 2 | of | 2 | Application Number | 10 / 650,279 |
| | | | | Filing Date | 27-Aug-2003 |
| | | | | First Named Inventor | Lai Chee Man |
| | | | | Group Art Unit | 2625 |
| | | | | Examiner Name | YON JUNG COUSO |
| | | | | Attorney Docket Number | EFIM0325 |

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. 1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | T2 |
|--------------------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| YC | | A. IMIYA et al., "Inverse Quantization of Digital Binary Images for Resolution Conversion," Scale-Space and Morphology in Computer Vision - Third International Conference, Scale-Space 2001, vol. 2106, 7 July 2001, pages 426-434, XP002320439, Vancouver. | |
| YC | | J. ALLEBACH et al., "Edge-Directed Interpolation," Proceedings of the International Conference on Image Processing (ICIP), Lausanne, September 16-19, 1996, New York, IEEE, US, vol. 3, pages 707-710, XP000704112 | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

| | | | |
|-----------------------|-------------|--------------------|------------|
| Examiner Signature | /Yon Couso/ | Date Considered | 11/15/2006 |
|-----------------------|-------------|--------------------|------------|

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
and is subject to a collection of information unless it contains a valid OMB
control number.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|----------------------------------------------------------|---|----|---|------------------------|--------------|
| Substitute for form 1449A/PTO | | | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | | Application Number | |
| (use as many sheets as necessary) | | | | Filing Date | Herewith |
| | | | | First Named Inventor | Lai Chee Man |
| | | | | Art Unit | Unassigned |
| | | | | Examiner Name | Unassigned |
| Sheet | 1 | of | 1 | Attorney Docket Number | EFIM0325 |

| | | | |
|-----------------------|-------------|--------------------|------------|
| Examiner Signature | /Yon Couso/ | Date Considered | 11/15/2006 |
|-----------------------|-------------|--------------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231